



INTERNAL QUALITY ASSURANCE CELL

Rama Devi Women's University, Vidya Vihar, Bhubaneswar,
Odisha-751022, Ph. No. 0674-2542644,
E-mail: igac@rdwu.ac.in Website www.rdwuniversity.nic.in

Seminars/ Conferences/ Workshops/ Webinars conducted by Department of Botany

1. **Event** : Seminar
2. **Title of the Event** : Biocomposite: A solution to plastic pollution
3. **Date and Duration** : 15th March, 2024
4. **Themes & Objectives of the Event** : The seminar aimed at the awareness of the use of different biocomposite materials being replaced with plastic with reference to locally available bioplastics.
5. **Funding Agency** : COF, RDWU
 - a) Funds Received (in Rs.): 2500
6. **Details of Resource Persons (date wise)**

Sl. No.	Date	Name	Designation	Institute	Title of Talk
1.	15 th March, 2024	Dr. Chinmay Pradhan	HOD, PG Dept. of Botany	Utkal University	Biocomposite: A solution to plastic pollution

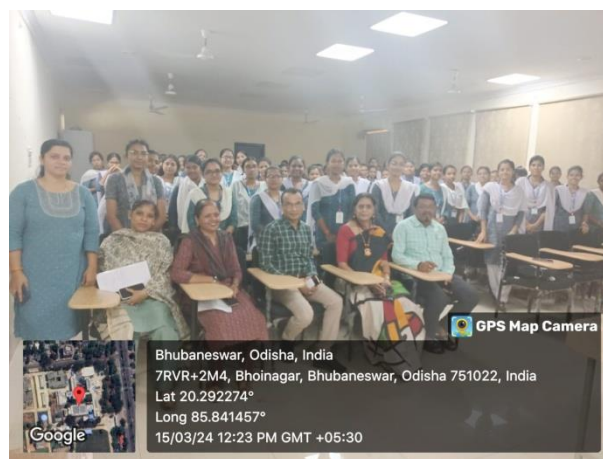
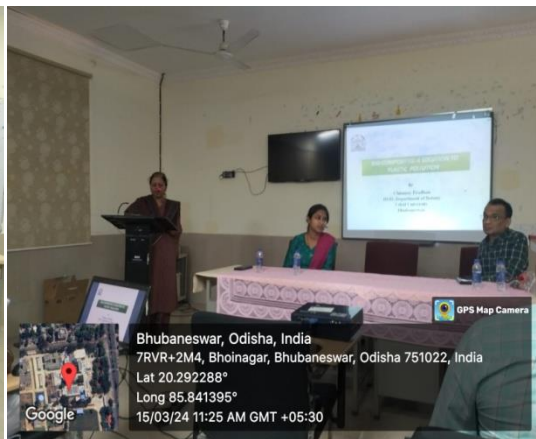
7. Details of Participants:

- a) No. of Faculty Members : 5
- b) No. of UG students : 60

8. **Outcome of the event:** Biocomposites – blends of different materials used for various tissue engineering and restorative applications mainly due to their biocompatibility, superior mechanical properties, and biodegradability, variety of organic and/or inorganic components, such as natural and synthetic polymers, poly- saccharides, proteins, sugars, ceramics, metals, and nanocarbons, biocomposite processing as a secondary process where a composite material is formed by a matrix (resin) and a reinforcement of natural fibers or filling with other biomass-based materials like wood dust, agricultural wastes or side streams from food processing like nutshells or rice husks.

9. Recommendations: The use of different biocomposite materials to be replaced with plastic with reference to locally available bioplastics, which generally come from renewable sources (such as plants, animals or microorganisms) and are made from any biological material instead of fossil fuels.

10. Selected Photographs: Enclosed



Representative pictures for Seminar on “Biocomposite: A solution to plastic pollution” held on 15th March, 2024.